

EPIC® POWER M12L-M12L

M12 plug on M12 socket

Do you need a lot of power? The PVC power cable, assembled on both sides with M12L connectors, supplies your devices and machines with high voltages and currents in no time at all. The overmoulded connectors provide a secure hold – even during continuous movements in the cable chain or torsion applications.

Info

Plug with M12 thread to socket with M12 thread



Supplementary automation components from Lapp



Mechanical and plant engineering



Space requirement



Power chain



Waterproof

Benefits

Ready-to-connect hookup power assembly for time-saving installation

Proven cable successfully tested for over 5 million bending cycles in cable chains and >2 million torsion cycles.

Cable design allows rotations with torsion angles of up to $\pm 180^\circ/\text{m}$.

Connectors are mechanically robust, insensitive to shock and vibration and therefore extremely reliable, thanks to the double overmoulding.

Mechanical L-coding of the mating face prevents mismatching with mating connector.

Application range

For connecting the power supply of devices and machines with higher voltages and currents.

Cable design enables flexible, constantly flexing use in moving machine parts and in the cable chain.

Also suitable for power supply in the PROFINET network (M12L is considered the standardised power interface there).

Usable in dry, damp and wet environments.

Suitable for medium mechanical stress.

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

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Product features

Good resistance to oils and chemicals
Suitable for drag chains

Product Make-up

For use in drag chains and moving machinery parts in dry or damp rooms
Outer sheath: PVC, black

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC001855 ETIM 5.0 Class-Description: Sensor-actuator patch cord
Classification ETIM 6:	ETIM 6.0 Class-ID: EC001855 ETIM 6.0 Class-Description: Sensor-actuator patch cord
Material:	Contact: CuSn Contact surface: Ni/Au Knurl: Zinc die-cast, nickel-plated Gripping body: TPU, flame-retardant, self-extinguishing
Protection rating:	M12 -IP67
Coding:	L
Rated current (A):	16 A

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: inclusive of copper. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.



EPIC® POWER M12L-M12L

Article number	Article designation
44424060	EPIC POWER M12LM4S-M12LF4S-PVC2.5-0.3
44424061	EPIC POWER M12LM4S-M12LF4S-PVC2.5-1
44424062	EPIC POWER M12LM4S-M12LF4S-PVC2.5-1.5
44424068	EPIC POWER M12LM4S-M12LF4S-PVC2.5-10
44424069	EPIC POWER M12LM4S-M12LF4S-PVC2.5-15
44424063	EPIC POWER M12LM4S-M12LF4S-PVC2.5-2
44424070	EPIC POWER M12LM4S-M12LF4S-PVC2.5-20
44424064	EPIC POWER M12LM4S-M12LF4S-PVC2.5-3
44424065	EPIC POWER M12LM4S-M12LF4S-PVC2.5-3.5
44424066	EPIC POWER M12LM4S-M12LF4S-PVC2.5-5
44424067	EPIC POWER M12LM4S-M12LF4S-PVC2.5-7.5

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